

# Converting Colors

Hex(34293B)

Have a look what the booklet for  
Hex(34293B) contains.

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# Color

**Hex(34293B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34293B
RGB	52, 41, 59
RGB Percent	20%, 16%, 23%
CMY	0.7961, 0.8392, 0.7686
CMYK	0.12, 0.31, 0.00, 0.77
HSL	277°, 18%, 20%
HSV	277°, 31%, 23%
XYZ	2.9985, 2.6317, 4.4876
YIQ	46.3410, 0.7780, 7.9300

# Conversions

## Conversions Part 2

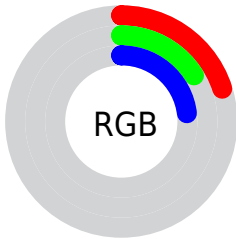
Format	Color
<b>R<sub>YB</sub></b>	52, 41, 59
Decimal	3418427
CIE Lab	18.50, 9.26, -9.59
CIE LCh	19, 13.338, 313.996
Yxy	2.6317, 0.2964, 0.2601
Android (android.graphics.Color)	4281608507 (0xFF34293B)
YUV	46.3410, 6.2409, 4.9629
Hunter-Lab	16.2225, 4.6040, -5.0455

# Details

The Hex color **34293B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **303B29**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **63566A**, and **000010** is the 20% darker color. If you saturate the color by 10%, you get **32233B**, and if you desaturate by 10%, it is **362F3B**.

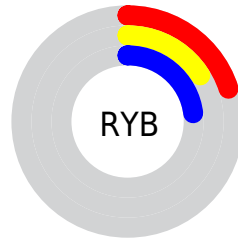
# Distribution



 Red (20%)

 Green (16%)

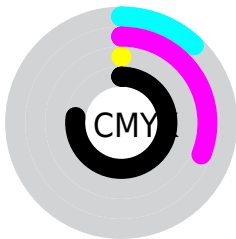
 Blue (23%)



 Red (20%)

 Yellow (16%)

 Blue (23%)

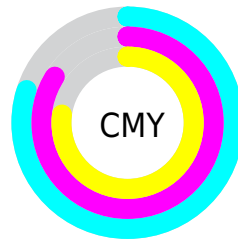


 Cyan (12%)

 Magenta (31%)

 Yellow (0%)

 Black (77%)



 Cyan (80%)

 Magenta (84%)

 Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34293B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 34293B by changing the saturation by 10% instead.





34293B



34293B

FFFFFF



1F1525



63566A



000010



7C6F83



000000



96889E



B0A2B8



CCBDD4



E8D9F0



FFF6FF



34293B



34293B

■ 32233B

■ 362F3B

■ 2F1D3B

■ 39353B

■ 2D173B

■ 3B3B3B

■ 2B113B

■ 3D413B

■ 290C3B

■ 3F463B

■ 26063B

■ 424C3B

■ 24003B

■ 44523B

■ 46583B

■ 495E3B

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



272C40



34293B



3D2633

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34293B



382B1B



0E3231

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34293B



303B29

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



193227



34293B



2F2E1A

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34293B



3E2820



24301F



0D323A

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34293B



40262C



24301F



11322E



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34293B



4A464D



29303B



252226



A6A6A6



262626



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34293B



41304D



3B2939



1D1C1F



3A005E



8800DE



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3B2930



4D303B



293B2B



1F1C1D



5E0025



DE0056



# Previews

## White Background



This preview shows how the Hex color 34293B looks on a white background.

## Color Contrast Check

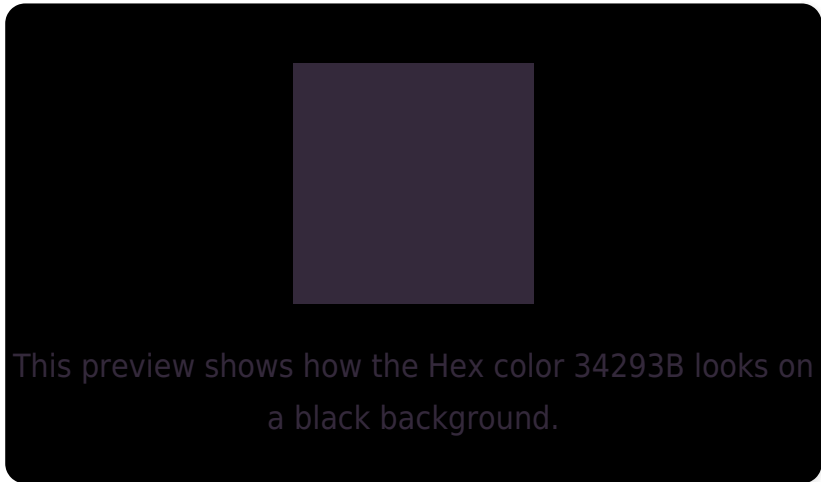
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

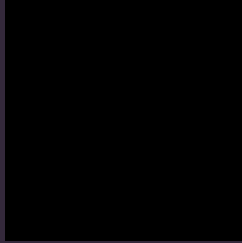
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34293B Background



This preview shows how black text looks on a background with the Hex color 34293B.



This preview shows how white text looks on a background with the Hex color 34293B.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

34293B

**Protanopia**

282D3E

**Deuteranopia**

2B2C3A



**Tritanopia**  
322B2F

# Trichromacy



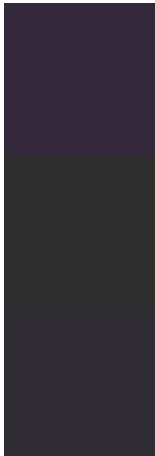
**Original Color**  
34293B

**Protanomaly**  
2C2C3D

**Deuteranomaly**  
2E2B3A

**Tritanomaly**  
332A33

# Monochromacy



**Original Color**  
34293B

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
302C33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34293B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #34293B looks like.

```
.text, #text, p{  
    color:#34293B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #34293B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34293B
}
```

## Border

The CSS property to change the border of an element to Hex 34293B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

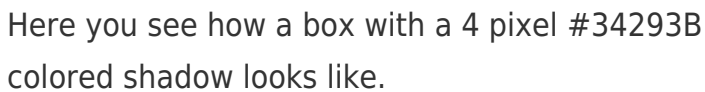
```
.border, #border, table{ border:4px solid
#34293B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#34293B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #34293B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border and a thicker dark blue shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34293B; -webkit-box-shadow:4px 4px  
4px 4px #34293B; box-shadow:4px 4px 4px  
4px #34293B }
```

# Background

The CSS property to change the background color of an element to Hex 34293B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34293B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#34293B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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